

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 09/361,118

	Molding method	Sintering temperature	Density of sintered body	Purity of sintered body	Number of pores	Number of pores	Corrosion test	Pore area prior to corrosion	Pore area subsequent to corrosion
		°C	g/cm ³	Alumina %	≤10 μm	≥10 μm		%	%
Example 1	Press molding	1650	3.974	99.99	12	0	○	≤0.01	0.02
Example 2	Slip press molding	1650	3.977	99.99	18	0	○	≤0.01	0.02
Example 3	Press molding	1550	3.975	99.99	15	0	○	≤0.01	0.02
Example 4	Press molding	1600	3.980	99.99	5	0	○	≤0.01	0.01
Example 5	Press molding	1750	3.971	99.99	15	0	○	≤0.01	0.02
Example 6	Press molding	1550	3.984	99.98	7	0	○	≤0.01	0.02
Example 7	Press molding	1600	3.982	99.95	4	0	○	≤0.01	0.01
Example 8	Press molding	1600	3.982	99.99	5	0	○	≤0.01	0.01
Example 9	Slip press molding	1600	3.983	99.95	4	0	○	≤0.01	0.02
Example 10	Press molding	1600	3.980	99.90	5	0	○	≤0.01	0.01
Example 11	Tape molding	1550	3.982	99.95	6	0	○	≤0.01	0.02
Example 12	Press molding	1700	3.980	99.99	6	0	○	≤0.01	0.01
Example 13	Press molding	1600	3.981	99.99	7	0	○	≤0.01	0.01
Example 14	Press molding	1600	3.982	99.99	4	0	○	≤0.01	0.01
Comparative example 1	Slip press molding	1600	3.935	99.99	Large number	65	×	0.08	0.5
Comparative example 2	Press molding	1650	3.945	99.99	Large number	50	×	0.11	0.7
Comparative example 3	Press molding	1750	3.950	99.99	Large number	35	×	0.15	0.9
Comparative example 4	Press molding	1550	3.972	99.95	Large number	34	×	0.08	0.5
Comparative example 5	Press molding	1700	3.900	99.95	Large number	46	×	0.11	0.7
Comparative example 6	Press molding	1600	3.900	99.95	Large number	69	×	0.15	0.9
Comparative example 7	Press molding	1600	3.870	99.50	Large number	Large number	×	0.17	2.1
Comparative example 8	Press molding	1500	3.800	99.95	Large number	Large number	×	0.2	2.3